

Agency Aligned Communications and Education Goals



AGENCY GOAL 5 & 6:

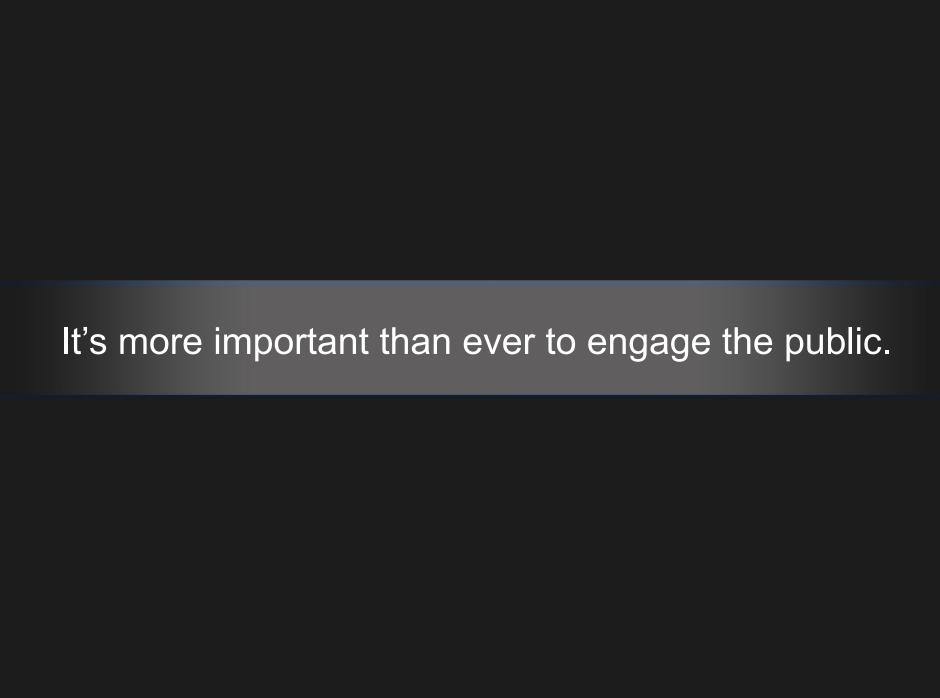
Enable program and institutional capabilities to conduct NASA's aeronautics and space activities.

To share NASA with the public, educators, and students to provide opportunities to participate in our Mission, foster innovation, and contribute to a strong national economy.



DIRECTORATE GOALS:

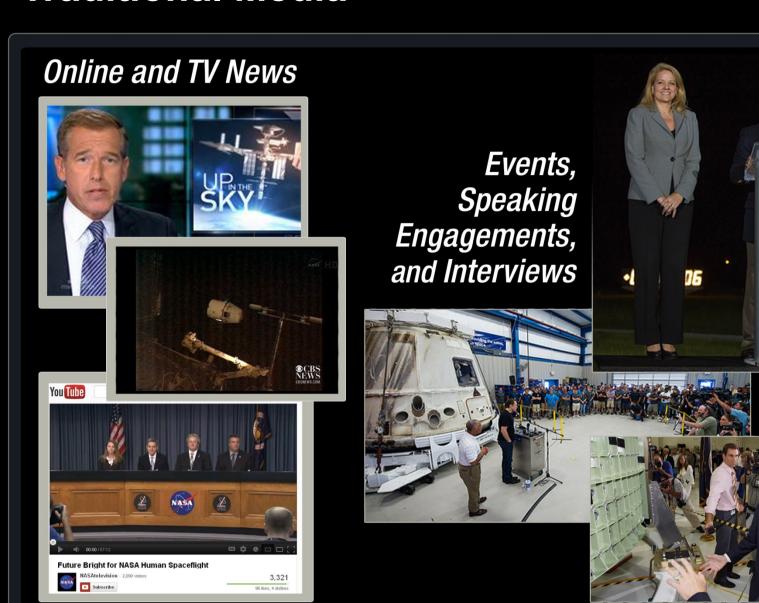
- Increase public awareness of the marvels associated with ISS, including world-class research/technology advancements and tangible daily benefits to humanity
- Articulate meaningful, exciting and viable missions and uses for SLS and Orion MPCV as part of a capability-driven approach to multi-destination human spaceflight exploration
- Engage the public and Congress in understanding the reasons for exploration in a way that is exciting to young people



We have been very busy...

Traditional Media





Connecting Scientific and Human Exploration





Special Feature: USA Today



USA TODAY's 88-page special publication looks at America's future in space. Get an in-depth look at NASA's re-launch of a post-shuttle business and scientific model that will send humans deeper into space than ever before.



Web Communications

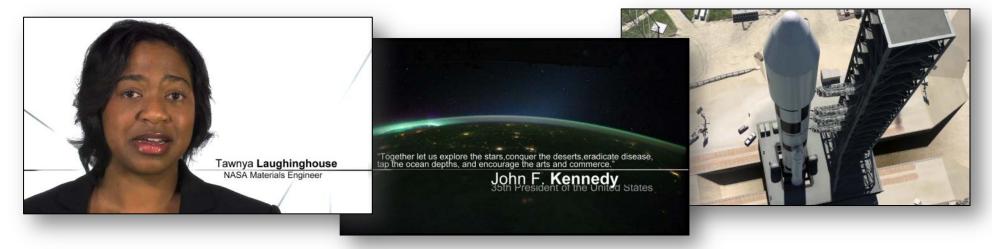




Exploration Video Products



• "Future Frontier" SLS, On Camera Talent, No Narration, Length: 3:42



• "Building Momentum" Integrated Program Video, Music/SFX, Length: 4:54



Video: America's New Paths in Space



Simulations and Interactives





(Space Operations Learning Center)



Station Spacewalk Game

Global Exploration Roadmap

50,000 downloads since 09/11



Global Exploration Roadmap

yiths

acce Statton

ambient Space Staton is a

U.S. Russian, European,
amandan Space, Approaches. The
continuously human occupied

O orbiting 16 times per day at

hour 200 miles above the

momenture of the continuously amanda of the

momenture of the continuously amanda orbiting

miles and 2014, and well welly

miles and the way for

to the moon and beyond.



networKing mobile app



View In iTunes

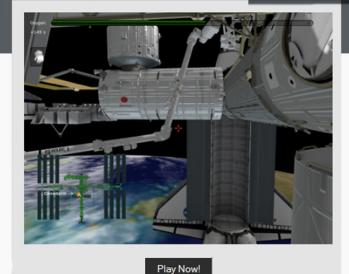
This app is designed for both iPhone and iPad

Free

Category: Games

Released: Oct 04, 2012 Version: 1.0 Size: 32.8 MB Language: English Seller: NASA © 2012 NASA Rated 4+

Requirements: Compatible with iPhone 4, iPhone 4S, iPhone 5, iPod touch (4th generation), iPod touch (5th generation), iPad 2 Wi-Fi, iPad 2 Wi-Fi + 3G,



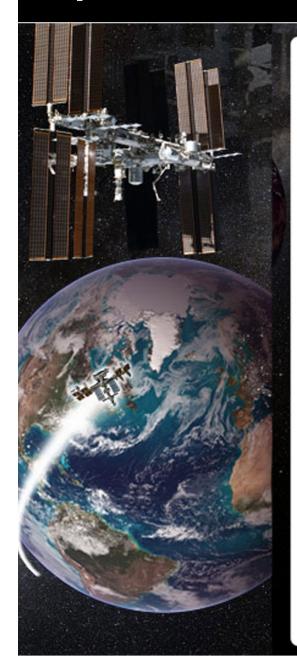
. .. .

Station Space Walk Game



"Spot the Station"





Did you know you can see the International Space Station from your house? As the third brightest object in the sky, after the sun and moon, the space station is easy to see if you know where and when to look for it.

NASA's Spot the Station service sends you an email or text message a few hours before the space station passes over your house. The space station looks like a fast-moving plane in the sky, though one with people living and working aboard it more than 200 miles above the ground. It is best viewed on clear nights. For more information on the international Space Station and its mission, visit the space station mission pages.

Spot the Station is available worldwide to anyone with an email account or SMS-enabled phone. Several times a week, Mission Control at NASA's Johnson Space Center in Houston, TX, determines sighting opportunities for 4,600 locations worldwide. If your specific city or town isn't listed, pick one that is fairly close to you. The space station is visible for a long distance around each of the listed locations.

This service will only notify you of "good" sighting opportunities - that is, sightings that are high enough in the sky (40 degrees or more) and last long enough to give you the best view of the orbiting laboratory. This will be anywhere from once or twice a week to once or twice a month, depending on the space station's orbit. Don't worry if there are big gaps in between sightings! A complete list of all possible space station sightings is available from Johnson Space Center.

Exan

What w

degree



NASA's 'Spot the Station' service sends you an email or text message a few hours before space station passes over your house.

Informational Print Products





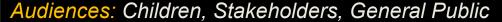


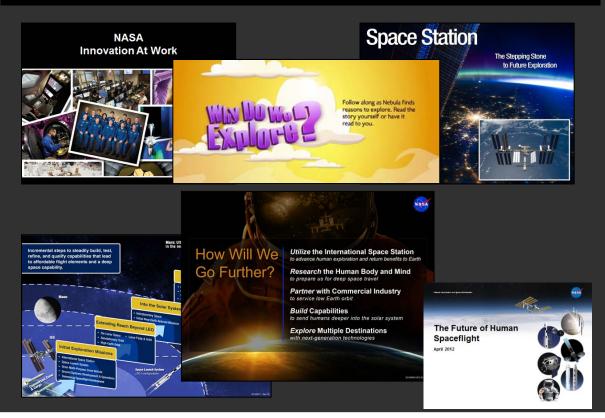


Presentations: Mobilizing the Workforce



The HEOMD Ambassador's Program coordinates external speaking engagements while working with NASA Ambassadors to develop presentations suitable for various event settings and target audiences.





Topic:

The Future of Human Spaceflight

Human Spaceflight Story

Human Spaceflight Status

The Challenges of Human Space Exploration

Innovation At Work

Why Do We Explore?

NASA Careers

NASA Kids Club

HEOMD Directorate Overview

2012 Exhibits





Social Media Distribution





SpaceX Launch to ISS



Google Hangout between NASA Administror and Elon Musk



Virtual Q&A with Orion Program Managers Through Social Media

















NASA Social Group Photo at the Goldstone Deep Space Complex in California. October 2012

Mobile Applications





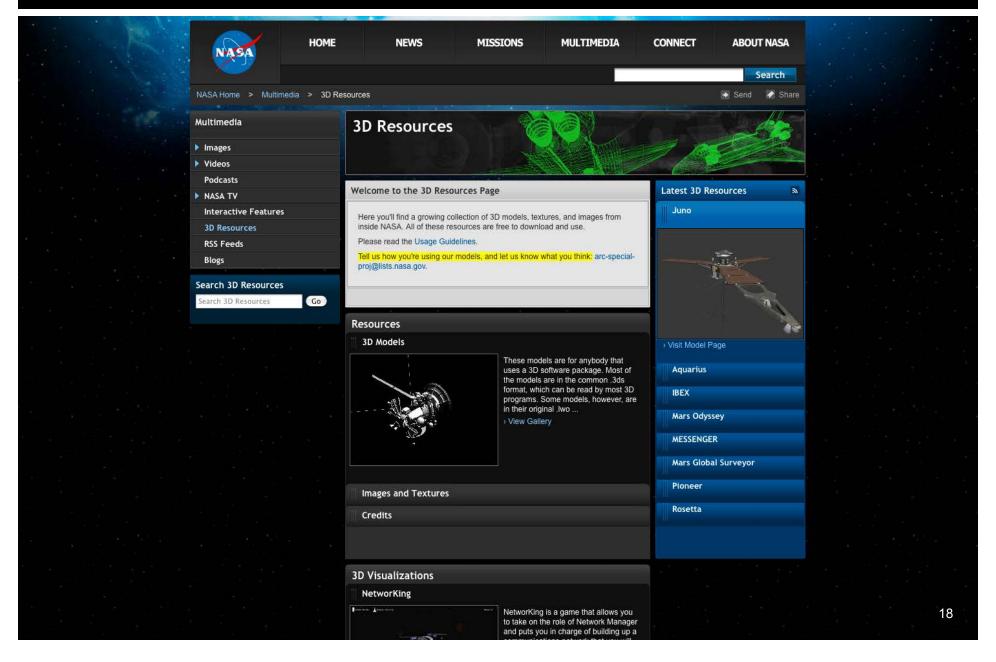




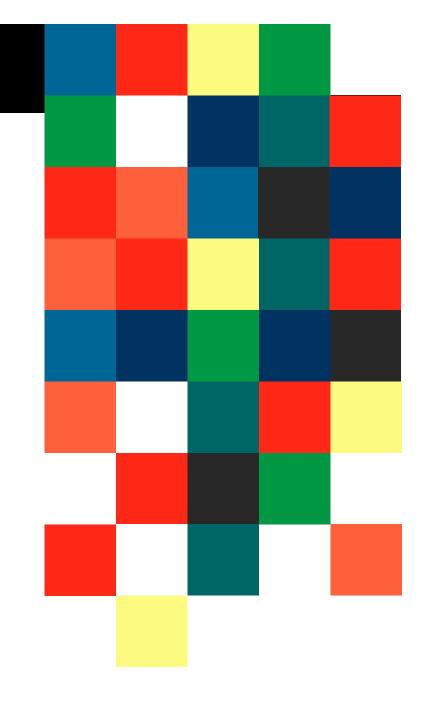


NASA 3D Resources





SPACHALLENGE APPS CHALLENGE



Mission-Based Engagement



We take every opportunity to make our hardware, scientists and engineers available to a broad audience for public



Orion Hardware Tour





American Airlines Center Dallas, Texas



Our first visitor, Jackson signs the crew module panel at the Science Museum

Educator Professional Development





NASA's BEST (Beginning Engineering, Science and Technology)



Reduced Gravity Flight for K-12 **Educators**





Teacher Training

Problem Based Learning



Lunabotics







NASA Great Moonbuggy Race





Rocketry Challenges





NASA Unique Opportunities



Microgravity University



Nanoracks



Student Spaceflight Experiment Program (SSEP)



Goldstone Apple Valley Radio Telescope



Zero Robotics Competition (with SPHERES facility)



Diverse Audiences





Partnerships







Mission X: Train Like An Astronaut



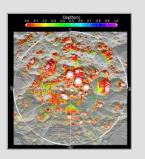








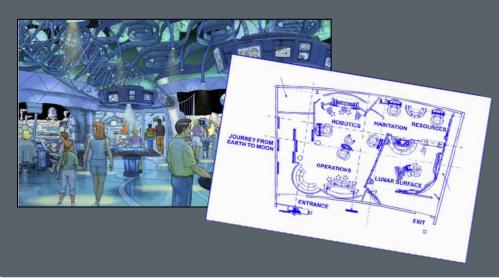






Robonaut Tasking and Movement





NASAVISITORSCENTERS

	KENNEDY SPACE CENTER
+	SPACE CENTER HOUSTON
	MARSHALL SPACE FLIGHT CENTER
	GREAT LAKES SCIENCE CENTER
.3:	STENNIS SPACE CENTER
	LANGLEY RESEARCH CENTER
	JET PROPULSION LABORATORY

- Over 3.2 million paid admissions to NASA Visitor Centers each year
- Coast to coast United States footprint
- Represents one of the most identifiable brands in the world, known for space exploration, advanced technology and advancing the human pioneering spirit



NASA Communications and Education using NPR 7120.5E

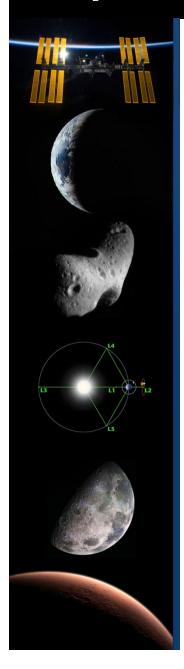


HEOMD Transition Activities

- Discussing new requirements for program and projects with HEOMD Divisions
 - Divisions will serve as the voice for their programs
- Establishing HEOMD Education & Communications Frameworks to aid in aligning division, program, and project efforts
 - Operating Principles
 - Outcomes and Objectives
 - Target Audiences
 - Standard Metrics
- Discussing requirements with Center Education and/or Communications Directors to ensure collaboration with programs/projects

Improved Coordination





The purpose for this change is to better plan, define, and implement program and project education and communications activities and ensure all Agency activities in the area of education and public engagement are: aligned with Agency strategic goals and priorities; outcome driven; and appropriately evaluated for success. This change reflects my desire that the Associate Administrators for Education and Communications gain adequate insight into all Agency education and communications activities and are able to influence the expenditure of our precious and limited funding to enhance and more effectively tell our story and inspire the youth of America to seek studies and subsequent employment in STEM-related areas.

Bolden, Sept. 18, 2012 Memo to the OICs

